



LEAD GIS ANALYST

Geology and Earth Resources Division

Recruitment # 2006-09-6679

— INTERNAL JOB OPPORTUNITY —

AGENCY MISSION AND CHALLENGE:

The mission of the Department of Natural Resources (DNR) is to provide professional, forward-looking stewardship of our state lands, natural resources, and environment. DNR provides leadership under the Commissioner of Public Lands, an elected official, in creating a sustainable future for the State Trust Lands. At the DNR, we envision a future in which our human and natural environment provides abundant and diverse social, ecological, and economic benefits for the people of Washington, in this and all future generations. In acting to ensure the vision, we ensure sustainability. DNR manages over 5 million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. Since 1970 DNR-managed lands have generated \$6 billion that support public schools, state institutions and county services. These lands also provide public benefits that include fish and wildlife habitat, clean and abundant water and public access to outdoor recreation. The DNR operates with a biennial budget of approximately \$400 million and has over 1300 employees. For more information about the department, see the DNR website at www.dnr.wa.gov

The **Division of Geology and Earth Resources** is Washington's geological survey, which collects, develops, uses, distributes, and preserves geologic information to promote the safety, health, and welfare of the citizens, protect the environment, and support the economy of Washington. The Division's programs include geologic mapping, preparation of geologic hazard assessments, mineral resource assessments, the regulation of surface mine reclamation, and the regulation of oil and natural gas exploration and development. For more information on the Division of Geology and Earth Resources, go to www.dnr.wa.gov/geology.

Job Classification:

Information Technology Specialist 4

Type of Position:

This is a permanent position.

This position is represented by the WFSE. Once appointed to this position the incumbent will be required to pay union dues or other representation fee within the first 30 days of employment.

Monthly Salary Range:

\$3,908 – \$5,003

Benefits Package:

Health and dental insurance, retirement pension, vacation, sick leave and holidays.

Posting Date:

September 13, 2006

Closing Date:

September 27, 2006

Location:

Olympia, Washington

POSITION PROFILE

As part of the GIS/Editing team of the Division of Geology and Earth Resources, which is a major producer of geologic data and publications for the State of Washington, this position uses senior-level GIS and cartography skills to lead the Division GIS and cartography staff in entering, structuring, analyzing, converting, and maintaining spatial and tabular geologic data and generating maps, all in support of the Division's scientific analysis, publication, data preservation, and data distribution functions. Participates in the design and maintenance of mission-critical geospatial and tabular databases. Develops and reviews GIS and cartography procedures and provides senior-level training and support to the Division's GIS users across multiple software and hardware platforms. Serves as Geology Data Steward, ensuring that the Division's data and core agency geologic data are accurate, consistent, available, and secure.

REQUIRED POSITION QUALIFICATIONS

- A Bachelor's degree in geography, geology, or a closely related discipline.
- Three years of experience in making complex, publication-quality geologic and geologic-hazard maps from GIS data, using a combination of GIS software, professional illustration software, technical GIS skills, and cartography skills.
- Three years of expert-level experience in ArcGIS (v. 9) and a thorough understanding of major GIS concepts.
- Expert knowledge of cartographic principles, and substantial experience applying this knowledge to the digital

production of complex maps.

- Proficiency in Adobe Illustrator (v. CS2) and Avenza MAPublisher (v. 6).
- Working knowledge of database management and data modeling.
- Experience in designing and implementing geospatial databases.
- Working knowledge of the Unix operating system.
- High-level skills in oral and written communication, including communication of technical information.
- Ability to communicate effectively with internal and external groups and individuals for the development and distribution of data.

DESIRED POSITION QUALIFICATIONS

- College coursework in geology.
- Proficiency in Adobe Photoshop (v. 7, CS, or CS2), Adobe Acrobat (v. 6 or 7), and the Microsoft Office suite, including Access.
- Experience consulting on the use or development of ArcGIS layers for geology issues.

WHO MAY APPLY

This recruitment is open to anyone who meets the required qualifications for this position.

APPLICATION PROCESS

To be considered for this position please submit:

- A letter of interest describing how your experience and qualifications relate to the job profile and the required and desired position qualifications. Indicate in your letter of interest how you learned of this opportunity.
- A current resumé.

The first screening will be based on information contained in your letter of interest and your resumé.

Submit all materials by the closing date to:

Electronic method preferred	OR other method
dnrrecruiting@wadnr.gov	Roberta Searles Department of Natural Resources PO BOX 47033 Olympia, WA 98504-7033

NOTE: Please indicate ***Lead GIS Analyst and recruitment #2006-09-6779*** in the subject line of your e-mail.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

For more information about this position, the qualifications or the Department please feel free to contact , hiring supervisor, Karen Meyers at (360) 902-1461.

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